

What is claimed is:

1        1. A wireless communication terminal comprising:  
2              wireless communication circuitry for establishing a wireless  
3              communication channel to a network;  
4              an internal power source and an external power source;  
5              control circuitry for energizing the wireless communication terminal  
6              with said external power source and energizing the wireless communication  
7              terminal with said internal power source when said external power source is  
8              faulty; and

9              monitor circuitry for monitoring said external power source and  
10             sending a message from said wireless communication circuitry to said  
11             network when said communication terminal is operating with said internal  
12             power source.

1        2. The wireless communication terminal of claim 1, wherein said  
2              monitor circuitry transmits said message when no call is in progress and  
3              transmits a second message from said wireless communication circuitry to  
4              said network when said communication terminal is operating with said  
5              internal power source when a call is in progress.

1        3. The wireless communication terminal of claim 1, wherein said  
2              message indicates that the internal power source is producing a voltage  
3              which is lower than a critical level.

1        4. The wireless communication terminal of claim 2, wherein said  
2              second message indicates that the internal power source is producing a

3 voltage which is lower than a critical level.

1        5. The wireless communication terminal of claim 2, wherein said  
2 wireless communication channel is a fixed wireless access (FWA) channel.

1        6. The wireless communication terminal of claim 5, wherein said  
2 messages are sent in a data format specified by ANSI/(American National  
3 Standard Institute)/TIA (Telecommunications Industry Association)/EIA  
4 (Electronic Industries Alliance)-95B standard.

1        7. A wireless communication network comprising:  
2            a base station;  
3            a base station controller connected to said base station;  
4            a wireless communication terminal including:  
5                wireless communication circuitry for establishing a wireless  
6 communication channel to said base station;  
7                an internal power source and an external power source;  
8                control circuitry for energizing the wireless communication  
9 terminal with said external power source and energizing the wireless  
10 communication terminal with said internal power source when said external  
11 power source is faulty; and  
12                monitor circuitry for monitoring said external power source and  
13 sending a message from said wireless communication circuitry to said base  
14 station controller via said base station when said communication terminal is  
15 operating with said internal power source.

1        8. The wireless communication network of claim 7, wherein said

2 monitor circuitry transmits said message when no call is in progress and  
3 transmits a second message from said wireless communication circuitry to  
4 said base station controller when said communication terminal is operating  
5 with said internal power source when a call is in progress.

1        9.        The wireless communication network of claim 7, wherein said  
2 message indicates that the internal power source is producing a voltage  
3 which is lower than a critical level.

1        10.      The wireless communication network of claim 8, wherein said  
2 second message indicates that the internal power source is producing a  
3 voltage which is lower than a critical level.

1        11.      The wireless communication network of claim 8, wherein said  
2 wireless communication channel is a fixed wireless access (FWA) channel.

1        12.      The wireless communication network of claim 11, wherein said  
2 message is sent in a data format specified by ANSI/(American National  
3 Standard Institute)/TIA (Telecommunications Industry Association)/EIA  
4 (Electronic Industries Alliance)-95B standard.

1        13.      A method of controlling a wireless communication terminal,  
2 wherein the terminal comprises a wireless communication circuitry for  
3 establishing a wireless communication channel to a network, an internal  
4 power source and an external power source, the method comprising the steps  
5 of:

6        a)        energizing the wireless communication terminal with said

7        external power source and energizing the wireless communication terminal  
8        with said internal power source when said external power source is faulty;  
9                b)        monitoring said external power source; and  
10                c)        sending a message from said wireless communication circuitry  
11        to said network when said communication terminal is operating with said  
12        internal power source.

1                14.        The method of claim 13, wherein the step (c) includes the steps  
2        of sending said message when no call is in progress and sending a second  
3        message from said wireless communication circuitry to said network when  
4        said communication terminal is operating with said internal power source  
5        when a call is in progress.

1                15.        The method of claim 13, wherein said message indicates that the  
2        internal power source is producing a voltage which is lower than a critical  
3        level.

1                16.        The method of claim 14, wherein said second message indicates  
2        that the internal power source is producing a voltage which is lower than a  
3        critical level.

1                17.        The method of claim 14, wherein said wireless communication  
2        channel is a fixed wireless access (FWA) channel.

1                18.        The method of claim 17, wherein said messages are sent in a  
2        data format specified by ANSI/(American National Standard Institute)/TIA  
3        (Telecommunications Industry Association)/EIA (Electronic Industries  
4        Alliance)-95B standard.